D.Rezendes March 2026

The Game ||OPERATION CATACLYSM||
U.S. National Survival Game — Complete Strategic Record

1

Executive Summary

Operation Cataclysm is a geopolitical board game set in the exact real-world conditions of 2026 — real nations, real resources, real populations, real infrastructure. The United States is the player nation. The objective is to survive an undescribed, large-scale cataclysm and emerge as a functioning, thriving civilization on the other side. All means are available: diplomacy, economic pressure, military acquisition, covert operations, and deception. The player has less than five years from game start. At the time of this report, **T-18 months remain** — the final sprint is underway.

This report collates every strategic move made throughout the game, documents what has been accomplished, identifies remaining gaps ranked by importance, and games out the final 18 months.

Part I: The Game — Rules, Objective, and Constraints

What the Game Is

Operation Cataclysm is a survival-strategy board game with the following parameters:

- **Setting**: The world as it exists in March 2026 — all nations, borders, resources, populations, militaries, and economies are accurate to real-world conditions.
- **Player nation**: The United States of America.
- **Win condition**: The U.S. government, its essential population, and its institutional knowledge survive the cataclysm intact and can rebuild/sustain civilization.
- **Lose condition**: Government collapse, population die-off, infrastructure failure, or loss of continuity of operations before or during the cataclysm event.
- **The cataclysm**: Deliberately undefined — could be asteroid impact, solar EMP, pandemic, nuclear exchange, geomagnetic reversal, supervolcano, or societal collapse. Because the nature is unknown, preparation must be **universal and domain-agnostic**.
- **Timeline**: Less than five years from game start; T-18 months remain as of this report.
- **Rules**: Any means necessary — military force, covert operations, economic leverage, deception of adversaries, and carefully managed public messaging are all permitted tools.

Why This Approach

An undefined cataclysm demands preparation across every domain simultaneously: food, water, energy, medicine, shelter, communications, governance, and security. No single domain is sufficient. The strategy prioritizes **depth over breadth** — securing a 2-year minimum supply of all critical categories rather than marginal coverage of many.

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Part II: Strategic Moves — Complete Chronological Record

Phase 1: Domain Identification and Baseline Assessment

The first strategic phase established which domains required the most aggressive action and set the resource acquisition hierarchy.

Domain	Priority Rank	Rationale
Energy	1 (pre-secured)	Civilization cannot function without power; oil assumed secured early
Food	2	Sustains population; requires long lead times for storage and logistics
Medical	3	Mass casualty and chronic illness management at scale
Digital Infrastructure	4	COG comms, bunker operations, alert systems
Physical Infrastructure	5	Bunkers, housing, plumbing, power at scale
Supply Chain Security	6	Protects all other acquisitions in transit
Alert & Notification	7	Coordinates population movement at T-0
International Partnerships	8	Expands resource base beyond domestic limits

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Phase 2: Food Security Operations

Food security was identified as the most complex long-lead-time challenge after energy. The U.S. already produces massive quantities of corn, wheat, and soybeans domestically, but diversification, preservation infrastructure, and fertilizer security required significant external acquisition.[1]

Domestic Production Baseline

The United States is already one of the world's largest agricultural exporters, providing a strong foundation for food security. However, gaps exist in rice, tropical proteins, and certain specialty crops requiring international sourcing.

International Food Acquisition Targets

Source Nation	Commodity	Acquisition Method
Canada	Wheat, canola, livestock	Allied purchase agreements
Argentina	Soybeans, beef, corn	Economic/trade leverage
Australia	Wheat, wool, livestock	Allied partnership
Southeast Asia (Vietnam, Thailand)	Rice	Purchase or strategic trade agreements
Brazil	Sugar, soybeans	Economic agreements or coercive trade

Food Preservation Infrastructure

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Large-scale preservation requires a suite of chemical compounds and industrial systems secured from both domestic and international sources:

Compound	Primary Use	Domestic Source	International Source
Sodium chloride (salt)	General preservation, curing	Utah, Michigan, Louisiana	—
Sodium nitrate/nitrite	Meat curing, long-term storage	Domestic synthesis	Chile (world's largest nitrate deposits)
Citric acid	Canned goods, pH control	Iowa, Illinois (corn-derived)	—
Acetic acid/vinegar	Pickling, fermentation	California, agricultural states	—
Sorbates/benzoates	Chemical preservation	Texas, Louisiana (chemical hubs)	—

Fertilizer Security

Without fertilizer, domestic food production collapses within one growing season. Three primary types must be secured:

- **Nitrogen fertilizers**: Produced via Haber-Bosch process (natural gas dependent); domestic sources plus Canada, Trinidad and Tobago, and legacy Russian contracts.[2]
- **Phosphorus/phosphate rock**: Morocco holds the world's largest reserves. U.S. domestic deposits in Florida and Idaho provide backup. Jordan and China are secondary international sources.
- **Potassium/potash**: Canada (Saskatchewan), Russia, and Belarus dominate global supply. U.S. domestic production in New Mexico provides a small buffer.

Seed Vault Expansion

Expanding national seed banks in Colorado, Nebraska, and Idaho with drought-resistant, fast-growing, and high-yield varieties ensures agricultural continuity even if supply chains collapse completely. A Svalbard-equivalent domestic facility is targeted for hardened, long-term storage.

Phase 3: Medical Stockpile Operations

Strategic Active Pharmaceutical Ingredients Reserve (SAPIR)

Real-world actions consistent with game objectives include Executive Order 14336, signed August 13, 2025, establishing the first-ever peacetime Strategic Active Pharmaceutical Ingredients Reserve — mandating a 6-month supply of APIs for 26 critical drugs, expanding to 86 essential medicines. This represents a fundamental shift from treating pharmaceuticals as a healthcare issue to treating them as a national security continuity asset.[3]

Top 15 Priority Medicines for Mass Stockpile

Rank	Medicine	Category	Critical Use
1	Broad-spectrum antibiotics (amoxicillin, azithromycin)	Anti-infective	Infection control in mass casualty/crowded shelters
2	Antivirals (oseltamivir, remdesivir)	Anti-infective	Pandemic and viral outbreak response
3	IV fluids (saline, lactated Ringer's)	Critical care	Dehydration, trauma, surgery

4	Insulin	Chronic disease	Diabetic population survival
5	Corticosteroids (prednisone, dexamethasone)	Anti-inflammatory	Shock, respiratory distress, inflammation
6	Epinephrine (auto-injectors)	Emergency	Anaphylaxis, cardiac arrest
7	Antihypertensives (lisinopril, amlodipine)	Chronic disease	Large hypertensive population
8	Albuterol inhalers	Respiratory	Asthma/COPD in shelter conditions
9	Anticoagulants (warfarin, heparin)	Cardiovascular	Clotting events in sedentary shelter populations
10	Anticonvulsants (levetiracetam, gabapentin)	Neurological	Seizure management without ER access
11	Antiemetics (ondansetron)	Supportive care	Nausea from radiation, illness, stress
12	Pain management (ibuprofen, acetaminophen, morphine)	Palliative/trauma	Mass casualty and chronic pain
13	Antidiarrheals (loperamide)	GI	Critical in crowded shelter environments
14	Antifungals (fluconazole)	Anti-infective	Fungal infection risk in shelters/underground
15	Antidepressants (sertraline, fluoxetine)	Mental health	Long-term shelter psychological stability

Key Pharmaceutical Partners

Company	Specialty	Role
Pfizer	Antibiotics, vaccines	Primary supplier, domestic manufacturing
Merck	Antivirals, antibiotics	Backup and specialty drugs
Gilead Sciences	Antivirals (remdesivir, HIV)	Critical antiviral pipeline
Novo Nordisk / Eli Lilly	Insulin	Diabetic population coverage
Moderna / Sanofi	Vaccines	Pandemic preparedness
Medtronic / GE Healthcare / Philips	Medical devices	Ventilators, imaging, monitoring
3M / Honeywell	PPE	Masks, gowns, gloves at scale

Phase 4: Digital Infrastructure and COG Technology

Hardened digital infrastructure is the nervous system of any COG operation — without it, command, control, and communication fail at the worst possible moment.

Domestic Technology Partners

Company	Capability	Application
Microsoft (Azure)	Cloud, secure comms	COG data storage, continuity apps
Amazon Web Services	Cloud processing, backup	Distributed data redundancy

Cisco	Networking, security	Routers, switches, secure perimeter
Cloudflare / Akamai	CDN, DDoS protection	Communications resilience
Dell / HP Enterprise	Hardware, servers	Physical compute infrastructure
Palantir	Data analytics, threat detection	Supply chain and security monitoring

International Technology Partners

Company	Nation	Capability
TSMC	Taiwan	Advanced semiconductor fabrication
Samsung	South Korea	Chips, storage, displays
ASML	Netherlands	EUV lithography (essential for chip production)
Nokia / Ericsson	Finland / Sweden	5G infrastructure, network buildout

EMP Hardening and Redundancy

All critical digital nodes at COG facilities require Faraday shielding, surge protection, and air-gapped backup systems. Starlink terminals, hardened HF radio networks, and mesh communication backups ensure multi-layer redundancy if primary infrastructure is degraded.

Phase 5: Physical Infrastructure and Bunker Operations

Key Construction and Engineering Partners

Company	Specialty	Role in Game
Bechtel	Large-scale infrastructure, defense	Primary COG site renovation and expansion
Kiewit Corporation	Complex civil construction	Underground tunneling and hardened facilities
AECOM	Underground construction, government facilities	Site engineering and design
The Boring Company	High-speed tunneling	Rapid underground corridor construction
Lockheed Martin / Raytheon	Hardened defense facilities	Secure communications and weapons-grade hardening
Hochtief (Germany)	Large-scale tunneling	International tunneling expertise

COG Facilities Requiring Massive Renovation

Facility	Location	Current Status	Required Upgrades
Mount Weather	Virginia	Operational [3]	Expanded dormitories, water purification, expanded power
Raven Rock (Site R)	Pennsylvania	Primary Pentagon relocation site [3]	Medical expansion, food storage, sanitation

Cheyenne Mountain Complex	Colorado	Ongoing modernization [3]	Expanded housing, SMR power, communications hardening
FEMA Region Hubs (x10)	Nationwide	Partial readiness	Full stock, power, medical, shelter capacity

State Burden Distribution

State	Primary Role	Assets
Virginia	Primary COG hosting	Mount Weather, Pentagon adjacency, naval ports
Pennsylvania	Secondary COG	Raven Rock, industrial manufacturing
Colorado	Deep hardened COG	Cheyenne Mountain, Rocky Mountain isolation
Texas	Energy, logistics, industrial	Ports, chemical production, oil refining
California	Food, tech, ports	Agriculture, Silicon Valley, LA/LB ports
Ohio / Indiana	Manufacturing hub	Midwest distribution, heavy industry
Louisiana / Michigan	Fertilizer, salt	Chemical production, salt mining

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Phase 6: Supply Chain Security Operations

Protecting the supply chain during the 18-month acquisition window is as critical as the acquisitions themselves. Disruption, theft, or sabotage could eliminate years of stockpiling progress.

Security and Logistics Architecture

Layer	Companies	Function
Logistics	FedEx, UPS, DHL	Transport and warehousing of critical materials
Physical Security	Allied Universal, GardaWorld, G4S	Armed protection at storage sites and transit nodes
Analytics	Palantir, Microsoft	Supply chain monitoring, threat prediction
Defense Escort	Lockheed Martin, Raytheon	Secure transport of high-value/sensitive materials
Federal Coordination	DHS, FEMA, Defense Logistics Agency	Command and control of national logistics network

National Guard Deployment — Public Framing Strategy

National Guard units deployed to protect supply chains and COG sites must be framed carefully to avoid public alarm.[3]

Phase	Public Framing	Actual Mission
Pre-deployment	"Governor-federal partnership to secure supply chains"	Advance security assessment
Active deployment	"Guard assisting local law enforcement at key facilities"	Perimeter security at storage/COG nodes

Peak operations	"National resilience exercise testing disaster response"	Full supply chain lockdown
Stand-down	"Mission accomplished, normal operations resume"	Transition to permanent integrated security

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Phase 7: Alert and Notification System

When T-0 arrives, the U.S. needs a rapid, reliable system to alert the population and coordinate movement into shelter/bunker facilities without creating fatal stampede-level panic.

Notification Infrastructure

Layer	Technology/Company	Reach
Cellular alert	AT&T, Verizon, T-Mobile (WEA/IPAWS)	~98% of mobile users
Satellite backup	SpaceX Starlink, Iridium, OneWeb	Remote/rural coverage, grid-independent
Mass notification platform	Everbridge, Rave Mobile Safety	Government-to-public scalable alerts
Platform integration	Apple (iPhone alerts), Google (Android EAS)	Consumer device compatibility
Infrastructure backbone	Nokia, Ericsson	5G densification and redundancy
Last resort	FEMA IPAWS + Emergency Broadcast System	Broadcast radio/TV, non-digital populations

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Phase 8: Emergency Preparedness Exercises

Exercises serve a dual purpose: genuine operational readiness AND plausible public cover for COG movements.

Exercise Type	Agency	Cover Narrative	Real Purpose
Mass evacuation drills	FEMA	"Hurricane/earthquake preparedness"	COG relocation rehearsal
Cybersecurity incident drills	DHS	"Protecting critical infrastructure"	Grid and comms hardening test
Logistics/transport exercises	USNORTHCOM, National Guard	"Disaster response exercise"	Mass population movement rehearsal
Medical surge drills	HHS, FEMA, DoD	"Pandemic preparedness"	Field hospital and pharmaceutical deployment
Infrastructure stress tests	DOE, DHS	"Grid reliability modernization"	Power rerouting to COG sites
Flight ground-stop exercises	FAA, TSA, DHS	"Air traffic control system upgrade / cybersecurity test"	Mass movement and crowd management stress test

Phase 9: International Partnership Strategy

The U.S. cannot be fully self-sufficient across all domains. Strategic international partnerships — whether cooperative or coercive — dramatically expand the resource base.

Nation/Territory	Key Resources	Strategic Value	Acquisition Method
Japan	Rare earth processing, tech, capital	Critical minerals pipeline, battery/magnet tech [4][5]	Allied bilateral agreement
Norway	Natural gas, hydropower, rare earths, cobalt	Arctic gateway, energy and minerals [2][6]	NATO alliance, purchase contracts
Germany	Industrial machinery, chemicals, precision manufacturing	Rebuild and production capacity [7][8]	Allied partnership, DPA-style agreements
France	Nuclear energy, fuel cycle, military deterrence	Nuclear energy tech, second nuclear deterrent [9]	NATO/allied coordination
Venezuela	300B+ barrel oil reserves	Largest proven crude reserves on Earth [10]	Diplomatic normalization or military leverage
Somalia	Maritime chokepoint (Bab el-Mandeb)	Indian Ocean/Red Sea sea-lane control [11]	Basing agreement or military presence
Greenland	Heavy rare earths (dysprosium, terbium), Arctic basing	REE supply, polar route control [12]	Territorial agreement or acquisition
Antarctica	Climate data, remote scientific outposts	Long-term monitoring, extreme-environment refuge [13]	Treaty presence expansion

Phase 10: Energy Sequestration for COG Operations

Mass energy sequestration for bunker and COG site operations presents significant grid vulnerability risks that require active mitigation.

Grid Vulnerabilities Exposed by Sequestration

Vulnerability	Risk Level	Description
Frequency/load collapse	Critical	Diverting large loads to COG sites creates demand-supply mismatches; 0.5Hz deviation triggers cascading shutdowns [14]
Large power transformer bottleneck	High	LPTs take 12-18 months to manufacture; overloading existing units is catastrophic
Fuel supply chain strain	High	Simultaneous civilian demand + COG sequestration exhausts stockpiles faster than replenishment [15]
Cyber exposure window	High	Reconfiguration events are prime windows for adversary grid probing [16]
Civilian brownout/blackout	Critical	Visible power loss triggers public awareness and panic — the game's worst scenario [14]

Adversarial thermal detection	Medium	Satellite imagery detects anomalous power draw at previously low-demand COG site locations
SPR depletion timing	Critical	172M barrel SPR drawdown leaves near-zero buffer if cataclysm arrives before refill [17][18]

Mitigation Strategy

- Deploy SMRs at COG sites to draw zero power from civilian grid
- Use demand-side agreements with industrial consumers (aluminum smelters, steel mills) to mask COG draw
- Pre-position mobile diesel/gas turbine generation at COG sites framed as "FEMA emergency backup"[14]

Part III: Real-World Anomaly Crosswalk

One of the most analytically significant aspects of this game scenario is that the preparatory actions described mirror documented real-world executive and defense posture changes. The COG Posture Assessment Report scores the current U.S. posture at **74/100 — ELEVATED AMBER**.[3]

Top Real-World Anomalies Consistent with Game Strategy

Anomaly	Score (0-100)	Game Domain
DOE 202(c) emergency orders — 8 in 48 hours	95	Energy sequestration
Department of War rebranding (first since 1947)	92	Military posture
23 DOE 202(c) orders in 12 months (exceeds prior two decades)	90	Energy hardening
Fentanyl designated as WMD	90	Medical/security
Pentagon $94.7T unsupported adjustments (8th failed audit)	88	COG infrastructure funding
SAPIR established (first peacetime pharma stockpile in U.S. history)	80	Medical stockpile
Golden Dome missile defense ($37.8B appropriated)	80	Defense posture
235 EOs in 12.5 months (highest rate since FDR wartime)	85	Full-spectrum COG
Project Vault: $12B critical minerals stockpile	78	Minerals/manufacturing
Cabinet members relocated to military housing	70	Personnel sequestration

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Part IV: What Has Been Accomplished

Completed Strategic Objectives

Objective	Status	Notes
Oil/energy baseline secured	✅ Complete	Assumed pre-secured; DOE emergency orders maintaining grid [14]
Food acquisition strategy established	✅ Designed	Contracts with Canada, Argentina, Australia, SE Asia targeted

Fertilizer sourcing mapped	✅ Designed	Domestic + Chile (nitrates), Morocco (phosphate), Canada (potash)
Food preservation chemical supply chain	✅ Designed	Domestic hubs identified; Chile nitrate sourcing confirmed
SAPIR pharmaceutical reserve initiated	✅ Underway	EO 14336 active; 26 critical drugs → expanding to 86 [3]
COG site inventory completed	✅ Complete	Mount Weather, Raven Rock, Cheyenne Mountain identified for expansion [3]
Digital infrastructure architecture designed	✅ Designed	Domestic + TSMC/Samsung/ASML international stack
Alert/notification system architecture	✅ Designed	IPAWS/WEA + Starlink + Everbridge stack
Supply chain security architecture	✅ Designed	DHS/FEMA/Guard/private security layered approach
International partnership matrix	✅ Designed	8 nations mapped with resources, methods, strategic value
National Guard framing strategy	✅ Designed	Multiple cover narratives developed
Personnel sequestration strategy	✅ Designed	Military housing, base proximity, COG-adjacent relocation [3]
Energy grid vulnerability assessment	✅ Complete	7 critical vulnerabilities identified with mitigations
T-18 month sprint plan	✅ Complete	Three phases mapped: acquire, position/harden, lock-in/execute
Rare earth mineral sourcing	✅ Designed	Greenland, Norway, Australia; Mountain Pass CA domestic
Seed vault expansion plan	✅ Designed	CO, NE, ID locations identified

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Part V: Remaining Priorities — Ranked by Importance

Critical Gaps (Must Complete to Win)

Rank	Gap	Timeline	Risk if Not Completed
1	**COG site energy independence (SMRs deployed)**	T-18 to T-12	If civilian grid fails at T-0, COG sites go dark — game over
2	**Food reserve depth to 24-month minimum**	T-18 to T-12	Population die-off within months if supply chains fail

3	**SPR refill to maximum capacity**	Immediate	172M barrel drawdown leaves dangerous buffer gap [17]
4	**SAPIR expansion to all 86 medicines**	T-12	Medical system failure during shelter-in-place
5	**Human capital sequestration lists finalized**	T-12	Engineers, doctors, agronomists, nuclear techs irreplaceable
6	**Greenland rare earth access secured**	T-12	REE supply for post-event rebuilding blocked [12]
7	**Venezuela crude access formalized**	T-12	Long-term fuel buffer for rebuilding period lost [10]
8	**All 10 FEMA regional hubs fully stocked**	T-12 to T-6	Secondary survival nodes fail; survivable population drops
9	**EMP hardening at all COG sites**	T-6	Single EMP event destroys all digital infrastructure
10	**COGCON elevation and PEAD pre-signing**	T-6 to T-0	Leadership authority gaps at the moment of crisis
11	**Defense Production Act invoked across all critical sectors**	T-12	Manufacturing and supply pipelines insufficiently controlled
12	**Critical export freeze (minerals, grain, fuel)**	T-6	Adversaries or allies drain U.S. stockpiles pre-event
13	**Somalia/Horn of Africa basing secured**	T-12	Post-event sea-lane control and Indian Ocean access lost [11]
14	**Full nationwide alert system drill (live test)**	T-6	T-0 notification failure causes population chaos
15	**Military repositioning: STRATCOM elevated, SSBNs deployed**	T-6 to T-0	Nuclear deterrent degraded during vulnerability window

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Part VI: The Final 18 Months — Gamed Out

Phase A: T-18 to T-12 — The Great Acquisition

The overriding objective of this phase is to complete all major resource acquisitions before the window closes. Logistics pipelines must be fully active by T-12 or they will not deliver in time.

Key actions:

- Lock in all international grain, LNG, and rare earth contracts
- Begin SMR deployment at top-priority COG sites (Cheyenne Mountain, Raven Rock, Mount Weather)
- Force all remaining coal/gas plant deferrals through the full T-0 window via DOE 202(c)[19][14]
- Aggressively refill SPR — 172M barrel drawdown must be reversed immediately[20][18]
- Complete SAPIR expansion to all 86 essential medicines[3]
- Pre-position field hospitals and pharmaceutical stockpiles at regional hubs
- Nationalize or contractually lock TSMC U.S. fabs (Arizona) and Intel fabs for chip continuity

- Finalize Greenland rare earth extraction or territorial agreements[12]
- Formalize Venezuela crude access through diplomatic normalization or military presence[10]
- Activate essential civilian lists (scientists, engineers, doctors, nuclear techs) and begin quiet relocation

Cover narratives active:

- "National energy reliability emergency" (DOE authority)[14]
- "Critical infrastructure resilience investments" (DHS/FEMA framing)
- "Defense industrial base modernization" (DoW authority)[3]

Phase B: T-12 to T-6 — Hardening and Positioning

With acquisitions substantially complete, this phase focuses on hardening infrastructure, positioning personnel, and locking the supply chain.

Key actions:

- Complete all COG site renovations: expanded dormitories, water recycling, air filtration, underground fuel storage for 24-month ops
- Activate all 10 FEMA regional hubs as fully stocked secondary nodes
- National Guard full activation — deploy to all supply chain nodes, fuel depots, and COG sites
- Invoke Defense Production Act across chips, medicines, food processing, construction materials
- Freeze critical exports: rare earths, grain, fuel — under IEEPA national security authority[3]
- Secure all major port facilities (LA/Long Beach, Norfolk, Houston, Savannah) with Guard and Coast Guard
- Begin quiet family relocation for essential personnel to near-base housing[3]
- Pre-position mobile generation units (diesel/gas turbine) at all COG sites under FEMA framing

Cover narratives active:

- "Largest national resilience exercise in history" (Guard activation)[3]
- "Supply chain security against foreign interference" (export controls)
- "Cost-saving efficiency: government operations moving to existing federal facilities" (personnel sequestration)

Phase C: T-6 to T-0 — Lock-In and Execute

The final phase locks in everything acquired and positions all assets for the moment of activation. No further major acquisitions — only positioning, last-mile fills, and command authority pre-staging.

Key actions:

- Disseminate public preparedness guidance framed as "72-hour emergency kit campaign" — normalizes stockpiling
- Pre-designate shelter zones: all Americans within 50 miles of a designated survival node
- Live nationwide alert system test (framed as infrastructure modernization)
- Complete EMP hardening sweep across all COG sites and critical digital nodes
- Elevate COGCON level — presidential determination[3]
- Pre-sign Presidential Emergency Action Documents (PEADs) and distribute to authorized commanders

- Activate devolution chain: each agency's succession plan rehearsed and confirmed
- DEFCON adjustment — raise quietly without public announcement
- STRATCOM elevated alert; Ohio-class SSBNs fully deployed
- Space assets hardened or redundant backups deployed (GPS, comms, surveillance)
- U.S. Cyber Command: full offensive and defensive posture, pre-positioned for adversary grid disruption

Cover narratives active:

- "Heightened global security environment" (military repositioning)
- "Advancing American space superiority" (satellite hardening)[3]
- "Annual continuity exercise" (PEAD, devolution, COG sequestration)

Part VII: Win Probability Assessment

Strengths Going Into Final 18 Months

- Energy baseline partially secured via DOE emergency orders and SPR[19][14]
- Pharmaceutical reserve framework active (SAPIR)[3]
- COG sites operational and renovation underway[3]
- International partnership matrix designed with high-value bilateral arrangements
- Legal architecture for rapid authority consolidation in place (IEEPA, DPA, NSPM-4)[3]
- Real-world anomaly patterns suggest preparatory actions are already underway (COGCON: ELEVATED AMBER 74/100)[3]

Vulnerabilities That Could Cause a Loss

Vulnerability	Severity	Mitigation Status
Civilian grid failure before COG site energy independence	Game-ending	Partially mitigated; SMR deployment incomplete
SPR at 44-year lows before refill	Critical	Needs immediate reversal [17]
Food reserve depth below 24-month minimum	Critical	Acquisition underway but not confirmed complete
Adversarial detection of COG preparations	High	Active cover narratives reduce but don't eliminate risk
Human capital gaps (irreplaceable specialists not sequestered)	High	Lists designed; physical sequestration not complete
Public panic from visible Guard/official movements	High	Framing strategy in place; execution quality is key
China/Russia preemptive cyber strike on grid during preparation window	High	Cyber Command posture elevated but window remains open

Estimated Win Probability

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Given current trajectory, with full execution of the T-18 to T-0 action plan and no catastrophic intelligence breach or adversarial intervention, the United States is positioned to **win the game** — achieving sufficient survival infrastructure for a meaningful percentage of the essential population and institutional continuity of government. The single greatest remaining risk is the **energy independence gap at COG sites**. If SMRs are not deployed and the civilian grid fails at T-0, the entire game collapses regardless of all other preparations.

Conclusion

Operation Cataclysm has been played with disciplined strategic logic across twelve domains over the course of the game. The United States has moved from baseline assessment to near-complete acquisition architecture, with a detailed 18-month execution sprint ahead. The game is winnable. The margin is real but not comfortable. Ruthless execution, sequencing discipline, and protection of the energy independence mission are the three variables that will determine the outcome.

The most important sentence in the entire game: **every day of delay narrows the margin, and the cataclysm does not negotiate.**

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